

## EAST Search History

10/694044

| Ref # | Hits   | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|--|------------------|---------|---------------------|
| S89   | 1      | "10/694,044"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/05/22<br>15:53 |
| S91   | 803872 | (Kim and Mu-Hyun ).<br>in. (Kwon and Jang-Hyuk).in. (Park and Joon-Young ).in.<br>(Kang and Tae-Min ).<br>in. (Chin and Byung-Doo).in. (Kim and Jae-Jung).in. (Song and Myung-Won).in.<br>(Suh and Min-Chul).<br>in. Lee, Seong-Taek           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/05/22<br>15:53 |
| S93   | 470444 | (Kim and Mu-Hyun ).<br>in. (Kwon and Jang-Hyuk).in. (Park and Joon-Young ).in.<br>(Kang and Tae-Min ).<br>in. (Chin and Byung-Doo).in. (Kim and Jae-Jung).in. (Song and Myung-Won).in.<br>(Suh and Min-Chul).<br>in. (Lee Seong-Taek ).in.     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/05/22<br>15:53 |
| S95   | 708    | (Kim and Mu-Hyun ).<br>in. (Kwon and Jang-Hyuk).in. (Park and Joon-Young ).in.<br>(Kang and Tae-Min ).<br>in. (Chin and Byung-Doo).in. (Kim and Jae-Jung).in. (Song and Myung-Won).in.<br>(Suh and Min-Chul).<br>in. (Lee and Seong-Taek ).in. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/05/22<br>15:53 |
| S97   | 4452   | (428/690 257/<br>E51.041 257/<br>E51.043 257/<br>E51.044 257/<br>E51.047 257/<br>E51.051).ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/05/22<br>15:53 |

|      |        |  |  |    |    |                     |
|------|--------|--|--|----|----|---------------------|
| S99  | 272220 | electrolumines\$ or<br>electro-lumines\$ or<br>oled or light-emit\$ or<br>emissive or S97  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S103 | 338    | S95 and S99  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S105 | 60     | donor.clm. and S103  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S107 | 27     | film.clm. and S105   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S109 | 11     | electrolumines\$.clm.<br>and S107  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S111 | 828    | donor and (BAIq\$ or<br>BCP) and (blocking<br>or hole-blocking or<br>block)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S113 | 577    | S99 and S111   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S115 | 42     | donor same ( (BAIq\$<br>or BCP) and<br>(blocking or hole-<br>blocking or block))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S117 | 29     | S99 and S115   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |
| S119 | 0      | S99 and (hole-block\$<br>and (BAIq\$ or BCP)<br>and (luminous or light-<br>emit\$ or Alq\$ or<br>coumarin or Iel or<br>emissive or luminesc<br>\$ or electrolumines\$<br>or electro-lumines\$)<br>and hole-transport\$<br>and hole-inject\$ and<br>electro-inject\$ and<br>(transfer or donor or<br>photothermal or<br>photo-thermal or I-t-h<br>or I-t-c or I-t-h-c)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/05/22<br>15:53 |

|      |      |  |                                    |    |    |                  |
|------|------|--|------------------------------------|----|----|------------------|
| S121 | 0    | (hole-block\$ and (Balq\$ or BCP) and (luminous or light-emit \$ or Alq\$ or coumarin or lel or emissive or luminesc\$ or electrolumine\$ or electro-lumines\$) and hole-transport\$ and hole-inject\$ and electro-inject\$ and (transfer or donor or photothermal or photo-thermal or l-t-h or l-t-c or l-t-h-c))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/22 15:53 |
| S123 | 2040 | ((hole-block\$ or (hole adj3 block\$)) and (hole-transport\$ or (hole adj3 (transport\$ or transfer))) and (hole-inject\$ or (hole adj3 inject\$)) and (electro-inject\$ or (electron adj3 inject \$)) and (transfer or donor or photothermal or photo-thermal or l-t-h or l-t-c or l-t-h-c))                        | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/22 15:53 |
| S125 | 647  | ((((hole-block\$ or (hole adj3 block\$)) same (balq\$ or bcp)) and (hole-transport\$ or (hole adj3 (transport\$ or transfer))) and (hole-inject\$ or (hole adj3 inject\$)) and (electro-inject\$ or (electron adj3 inject\$)) and (transfer or donor or photothermal or photo-thermal or l-t-h or l-t-c or l-t-h-c)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/22 15:53 |
| S127 | 639  | S99 and S125   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/22 15:53 |

|      |     |   |                                    |    |    |                  |
|------|-----|---|------------------------------------|----|----|------------------|
| S129 | 247 | (((hole-block\$ or (hole adj3 block\$)) same (balq\$ or bcp)) and (hole-transport\$ or (hole adj3 (transport\$ or transfer))) and (hole-inject\$ or (hole adj3 inject\$)) and (electro-inject\$ or (electron adj3 inject\$)) and ((transfer or donor or photothermal or photo-thermal or l-t-h or l-t-c or l-t-h-c) with (sheet or film)))          | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/22 15:53 |
| S131 | 447 | (((hole-block\$ or (hole adj3 block\$)) same (balq\$ or bcp)) and (hole-transport\$ or (hole adj3 (transport\$ or transfer))) and (hole-inject\$ or (hole adj3 inject\$)) and (electro-inject\$ or (electron adj3 inject\$)) and ((transfer or donor or photothermal or photo-thermal or l-t-h or l-t-c or l-t-h-c) with (sheet or layer or film))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/05/22 15:53 |

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